



Figure 5

Sequence to be analysed (polymerase template)

3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 (SEQ ID NO: 1)

Primer

+

5' TpApCpGpTpTpApGpGpC-OH 3' (SEQ ID NO: 2)



3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 5' TpApCpGpTpTpApGpGpC-OH 3'

DNA Polymerase

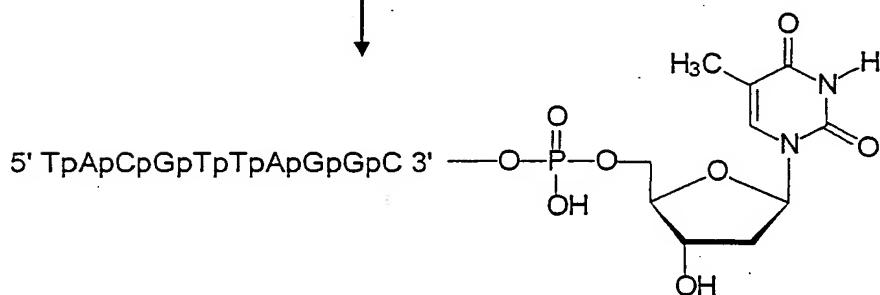
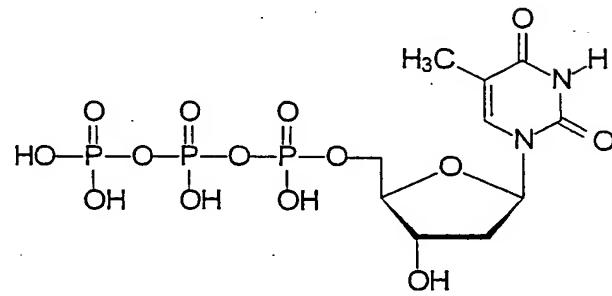


Figure 6

Sequence to be analysed (polymerase template)

3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 (SEQ ID NO: 1)

Primer

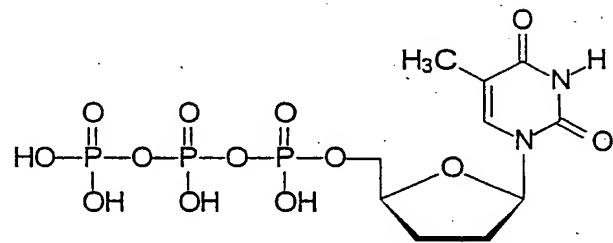
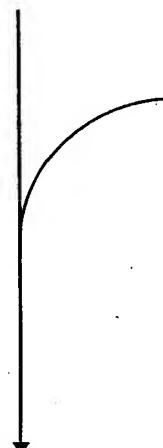
+

5' TpApCpGpTpTpApGpGpC-OH 3' (SEQ ID NO: 2)



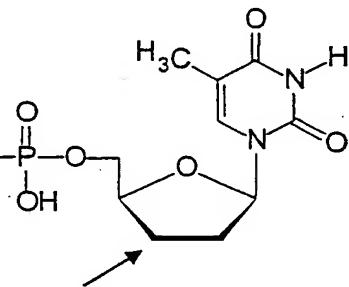
3' HO-ApTpGpCpApApTpCpCpGpApTpGpApCpTpGpApGpCpCpApTpCpG 5'
 5' TpApCpGpTpTpApGpGpC-OH 3'

DNA Polymerase



3'-deoxythymidine 5'-triphosphate

5' TpApCpGpTpTpApGpGpC 3'



The newly synthesized chain no longer contains 3' OH
 required to attach the next nucleotide